

WHAT IS CLAIMED IS:

1. A device for controlled activation of a pressurized supply of air for inflating tires in a machine for tire dealers, comprising:
a feeder means for supplying and/or accumulating pressurized inflation air;
5 at least one pair of regulator means for regulating the pressure of said inflation air to two predefined extreme values, a first regulator means to a lower value and a second regulator means to a higher value, said regulator means being connected in parallel to each other to said feeder means;
at least one dispensing means for dispensing pressurized inflation air that is
10 connectable alternately to one of said pressure regulator means;
return means; and
at least one selection valve means, which is interposed between said first regulator means and said second regulator means and said dispensing means for selecting an alternate connection of said dispensing means to said first
15 regulator means or second regulator means, said selection valve means being kept, by way of said return means, normally connected to said first regulator means and being intentionally forcibly and temporarily connectable, by direct actuation of an operator and in contrast with said return means, to said second regulator means, interruption of said direct
20 actuation of the operator causing automatic reconnection of said selection valve means to said first regulator means.
2. The device of claim 1, wherein said selection valve means is provided with an actuation lever, said lever being arrangeable on a control panel of the machine.
- 25 3. The device of claim 1, wherein said selection valve means is provided with an actuation pushbutton, said pushbutton being arrangeable on a control panel of the machine.
4. The device of claim 1; wherein said return means is constituted by elastic means that are loadable by way of said actuation lever.
- 30 5. The device of claim 1, wherein said minimum value is comprised

between 2.5 and 3.5 bars.

6. The device of claim 1, wherein said maximum value is comprised between 5.5 and 6.5 bars.

7. The device of claim 1, wherein pressure of the inflation air
5 contained in said feeder means is higher than said upper value of said second regulator means.